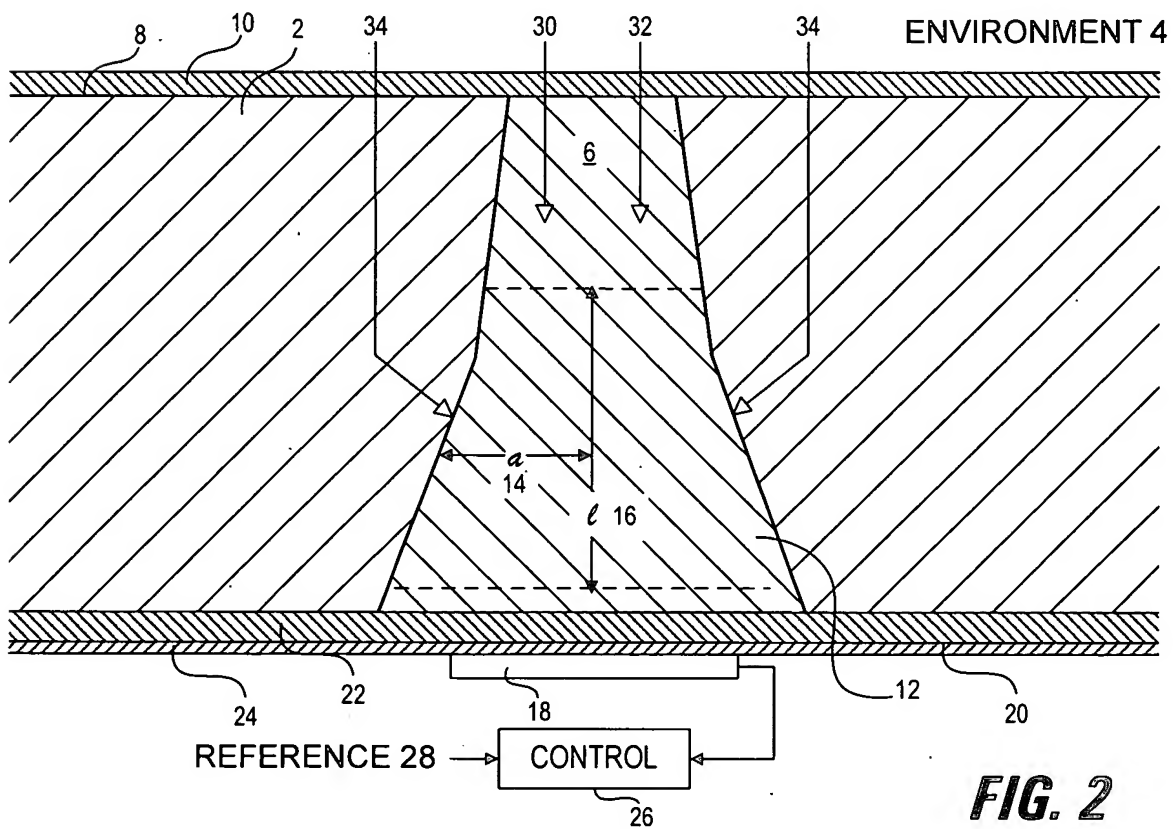


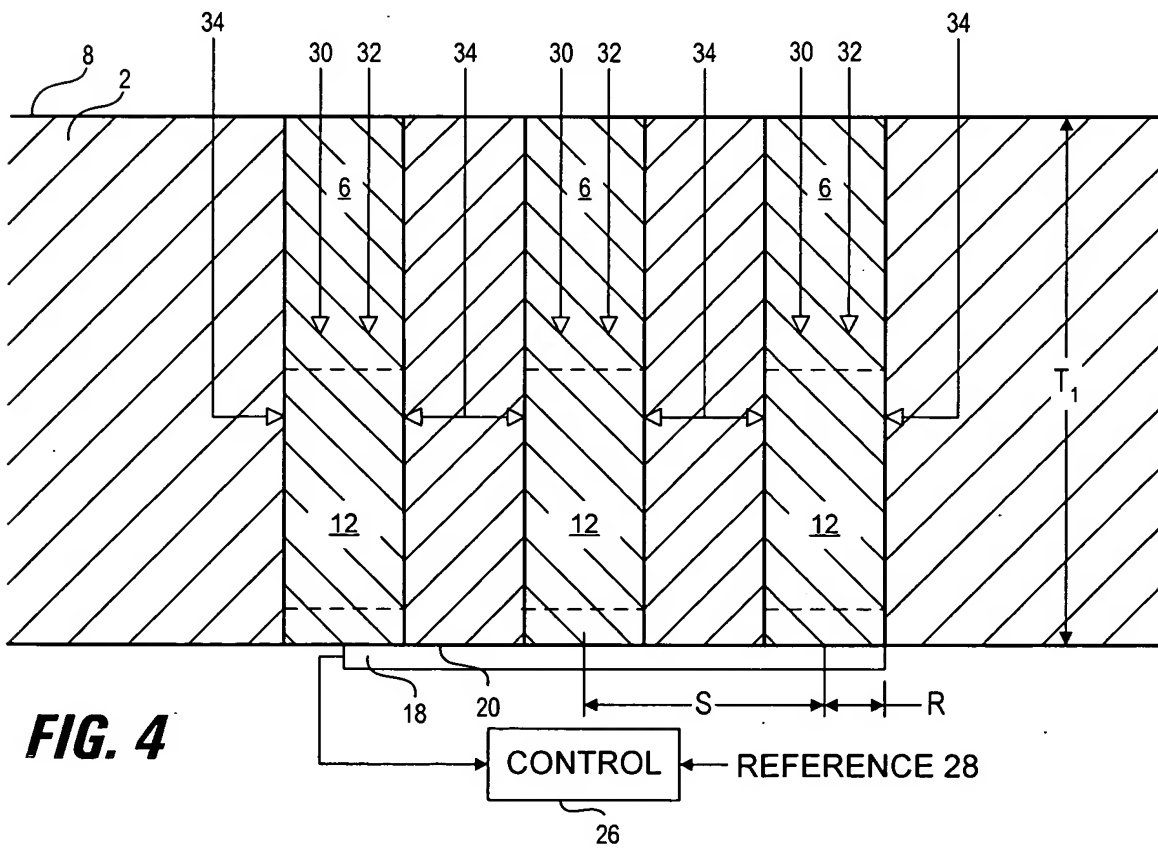
Inventor(s): Gough, et al.; Serial Number: 10/078,567  
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

FIG. 1

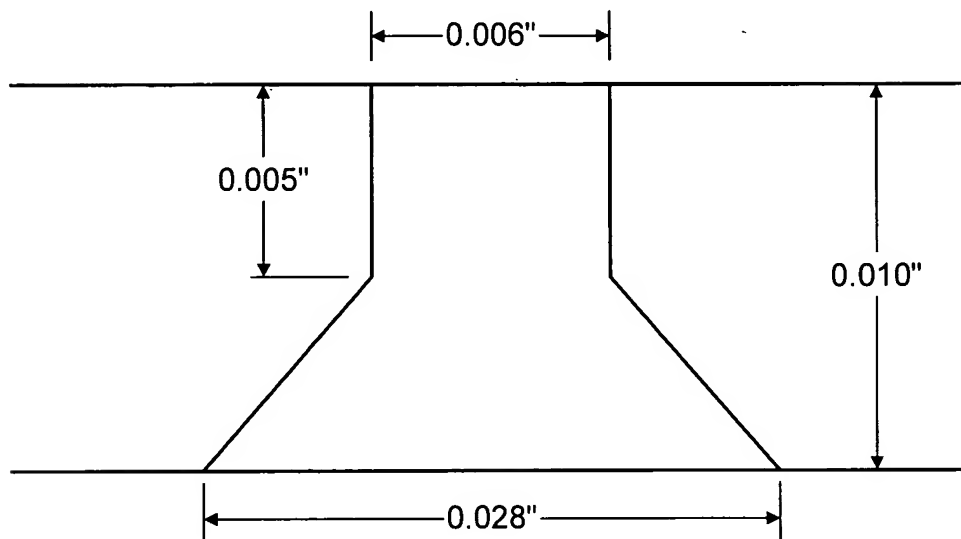
**FIG. 2**

Inventor(s): Gough, et al.; Serial Number: 10/078,567  
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

**FIG. 3**

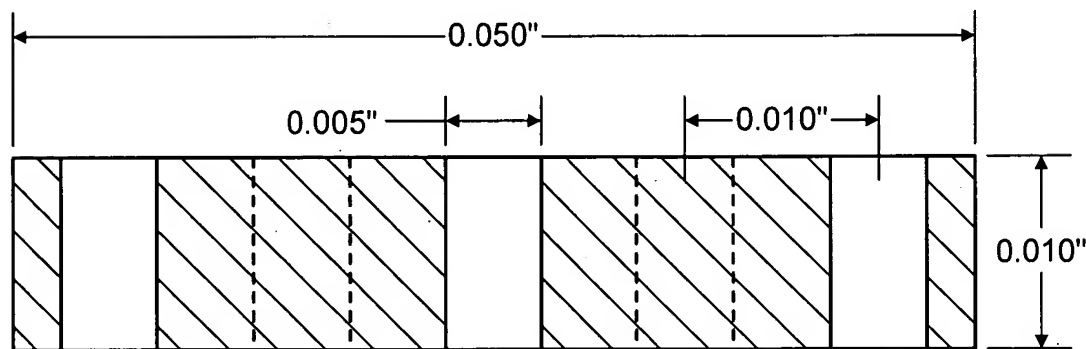


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MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	FUNNEL
ENZYME REGION DIAMETER AT BASE	0.028"
ENZYME REGION DIAMETER AT TOP	0.006"

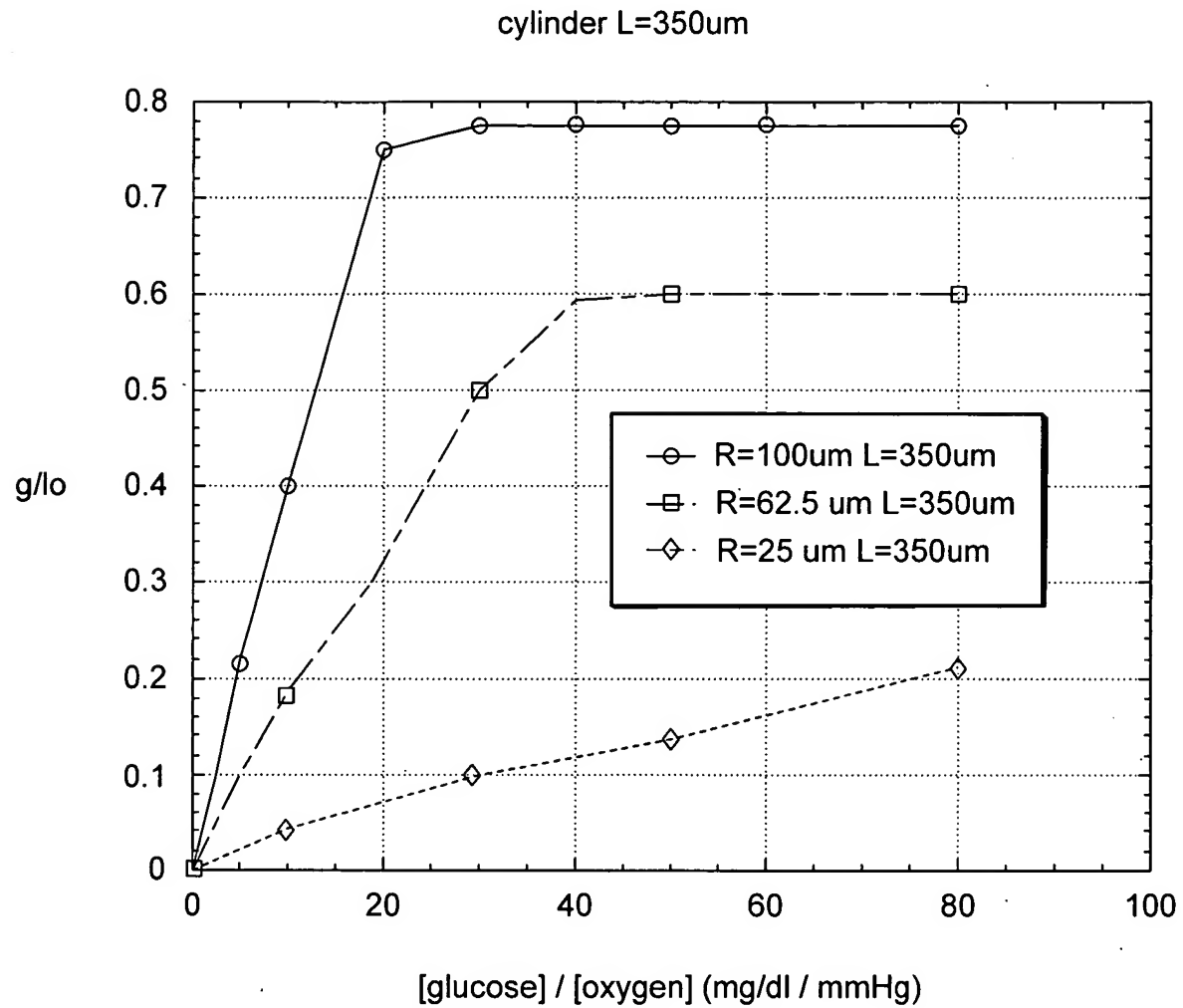
**FIG. 5**



MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	CYLINDRICAL
ENZYME REGION DIAMETER	0.005"
ENZYME REGION SPACING	0.010" CENTER-TO-CENTER
	OFFSET GRID PATTERN

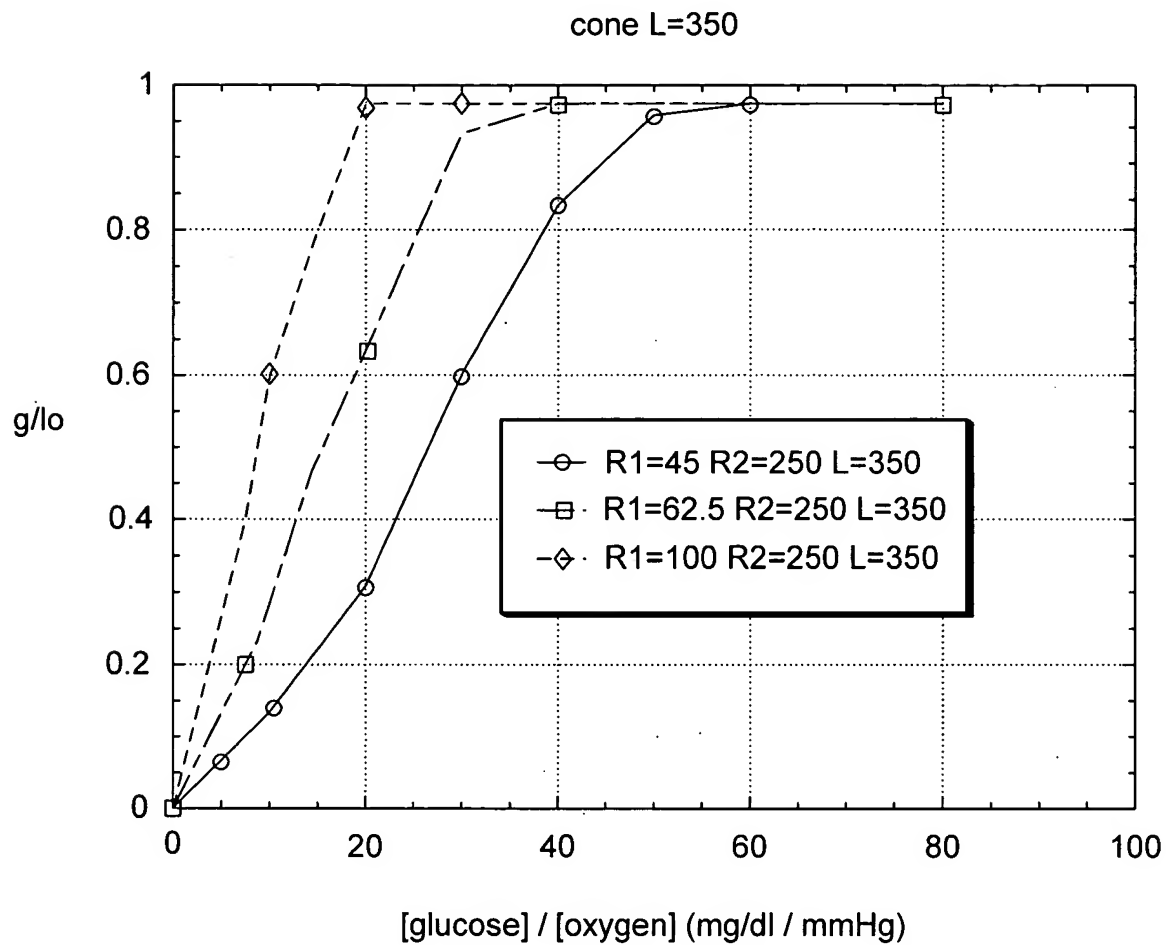
**FIG. 6**

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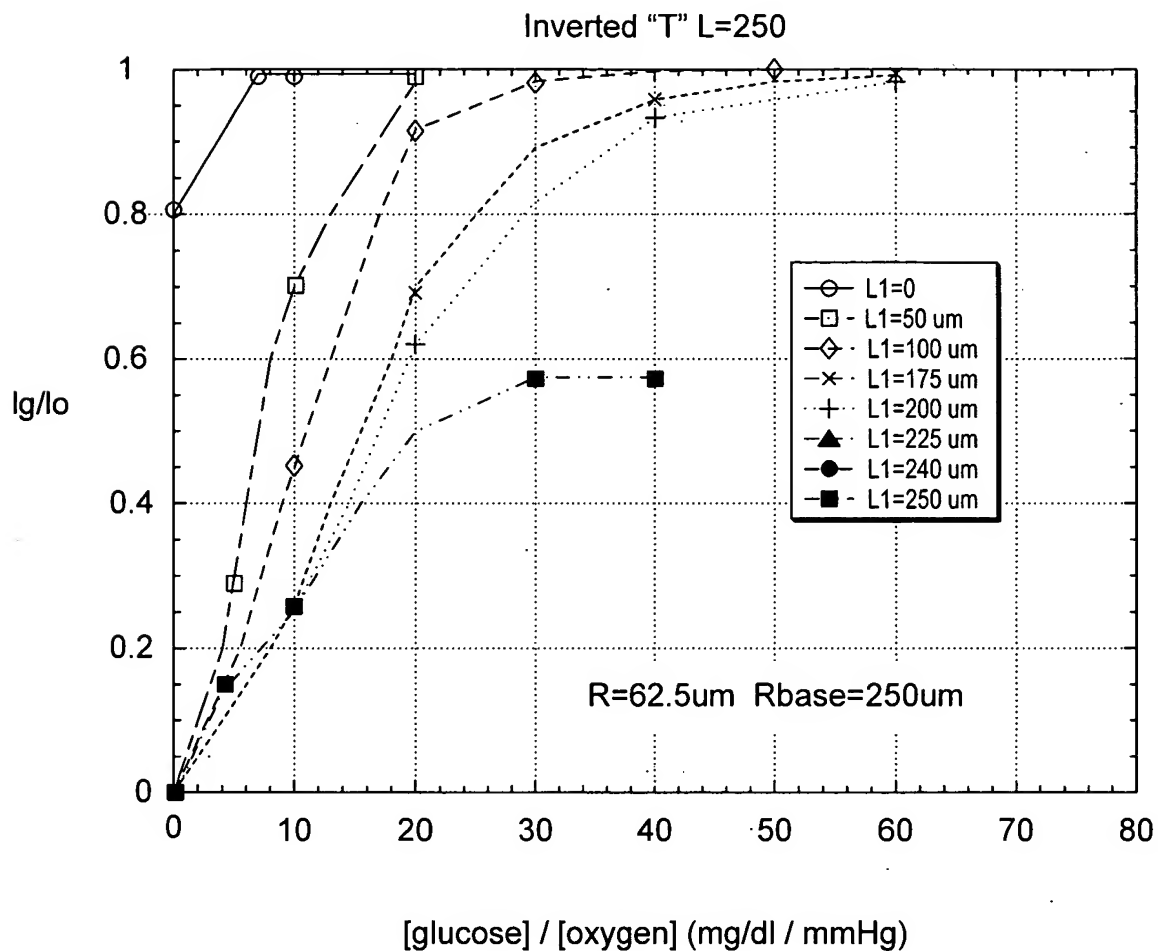
**FIG. 7A**

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**FIG. 7B**

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**FIG. 7C**